

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	(karino near2 wataru).in.	US-PGPUB; USPAT	OR	OFF	2006/12/18 16:35
S2	74	farah.xp.	US-PGPUB; USPAT	OR	OFF	2006/12/18 17:00
S3	0	S2 and receprocat\$5	US-PGPUB; USPAT	OR	OFF	2006/05/10 15:35
S4	2	S2 and reciproc\$5	US-PGPUB; USPAT	OR	OFF	2006/05/10 15:39
S5	3	("5021969"   "6853879"   "6889116").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/10 15:38
S6	178	farah.xa.	US-PGPUB; USPAT	OR	OFF	2006/05/10 15:39
S7	5	S6 and reciproc\$5	US-PGPUB; USPAT	OR	OFF	2006/05/10 15:39
S8	13	(karino near2 wataru).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/18 16:35
S9	117	farah.xp.	US-PGPUB; USPAT	OR	OFF	2006/12/18 17:00
S10	38	("20030060813"   "4600919"   "4852567"   "5104392"   "5175616"   "5242438"   "5365370"   "5369736"   "5380317"   "5415654"   "5437660"   "5440674"   "5441497"   "5469535"   "5490240"   "5495576"   "5496271"   "5504845"   "5555366"   "5566285"   "5611025"   "5617322"   "5621867"   "5748199"   "5805205"   "5827265"   "5835693"   "5957917"   "5986662"   "5988862"   "6023277"   "6026215"   "6066130"   "6084594"   "6108005"   "6302878"   "6313836"   "6572609").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 17:01
S11	3	("5021969"   "6853879"   "6889116").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 17:11
S12	1	("6994716").URPN.	USPAT	OR	OFF	2006/12/18 17:12
S13	62	("5242438").URPN.	USPAT	OR	OFF	2006/12/18 17:13

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S14	30	("4625724"   "4701166"   "4718417"   "4777951"   "4878725"   "4929246"   "4986830"   "5078681"   "5125925"   "5242398"   "5242438"   "5261904"   "5350375"   "5429483"   "5575772"   "5591129"   "5653734"   "5716373"   "5779670"   "5779673"   "5800392"   "5800493"   "5860966"   "5904147"   "5951497"   "5980485"   "5997527"   "6004261"   "6024740"   "6139570").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/18 17:14
S18	208	((KARINO near WATARU) (SAKAGUCHI near AKIRA) (KIZUKURI near HIROSHI)).IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/22 15:43
S19	4347	((606/7,10-19) or (607/88,89,92, 93)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/22 15:49
S20	15	S18 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/22 15:49

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6080	((606/7,10-19,22,23,41,46) or (607/88,89,92,93) or (600/101,103,104,106-108,114,117,118,129142) or (604/20,21) or (378/65)).CCLS.	USPAT; USOCR	OR	OFF	2003/04/06 22:11
S2	69	(Shin near2 Maki).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/06 22:12
S3	3	S1 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/06 22:12
S4	2765	S1 and (shaft catheter or (main adj (body shaft unit)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/06 22:15
S5	174	side same (firing same (probe\$ or (optic\$2 near fiber)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/06 22:28
S6	1274	S4 and (optic\$2 near fiber)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/06 22:17
S7	270	S6 and (reflect\$3 same (unit member device))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/06 22:30
S8	6	S5 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/06 22:19
S9	8	("4747405"   "4852567"   "4932956"   "4932958"   "5207672"   "5292320"   "5496308"   "5782824"   "2002/0002370").PN.	USPAT	OR	ON	2003/04/06 22:27
S10	59	S5 and (reflect\$3 same (unit member device surface\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/06 22:31

## EAST Search History

S11	391	S6 and (reflect\$3 same (unit member device surface\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/06 22:31
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	1	Document ID	Title	Current OR
1	X	US 20050283144 A1	Energy irradiating medical equipment, energy irradiating medical apparatus and irradiation method	606/18
2	X	US 20050222559 A1	Medical energy irradiating apparatus	606/16
3	X	US 20050010199 A1	Energy irradiation apparatus	606/14
4	X	US 20030065315 A1	Thermal treatment apparatus	606/11
5	X	US 20030018325 A1	Medical energy irradiation apparatus	606/10
6	X	US 6764485 B2	Thermal treatment apparatus	606/11
7	X	US 20020022829 A1	Thermal treatment apparatus	606/12
8	X	US 20020016619 A1	Medical energy irradiation apparatus	607/88
9	X	US 7022118 B2	Medical energy irradiation apparatus	606/10
10	X	US 7008416 B2	Medical energy irradiation apparatus	606/17
11	X	US 6599287 B2	Medical energy irradiation apparatus	606/14
12	X	US 6544257 B2	Thermal treatment apparatus	606/15
13	X	US 6994716 B2	Medical manipulator	606/170
14	X	US 6889116 B2	Manipulator	700/245
15	X	US 6607526 B1	Laser irradiation apparatus	606/16
16	X	EP 1462147 A1	Energy irradiation apparatus	
17	X	US 7108692 B2	Apparatus for applying light to a vessel wall	606/15
18	X	US 6302878 B1	System for laser light irradiation to living body	606/7
19	X	US 5441497 A	Light diffusing guidewire	606/15
20	X	US 5380317 A	Medical device applying localized high intensity light and heat, particularly for destruction of the endometrium	606/15
21	X	US 5242438 A	Method and apparatus for treating a body site with laterally directed laser radiation	606/15

	<b>Inventor</b>
1	Shiono, Hiroshi et al.
2	Shiono, Hiroshi et al.
3	Karino, Wataru et al.
4	Hareyama, Norihiko et al.
5	Sakaguchi, Akira et al.
6	Hareyama; Norihiko et al.
7	Nagase, Toru et al.
8	Iwahashi, Shigenobu et al.
9	Ariura; Shigeki et al.
10	Sakaguchi; Akira et al.
11	Iwahashi; Shigenobu et al.
12	Nagase; Toru et al.
13	Jinno; Makoto et al.
14	Jinno; Makoto
15	Maki; Shin
16	KARINO, WATARU et al.
17	Frenz; Martin et al.
18	Daikuzono; Norio
19	Narciso, Jr.; Hugh L.
20	Everett; Royice B. et al.
21	Saadatmanesh; Vahid et al.

	1	Document ID	Title	Current OR
22	X	US 5833683 A	Laterally-emitting laser medical device	606/17
23	X	US 5807389 A	Laterally reflecting tip for laser transmitting fiber	606/17
24	X	US 5700260 A	Endoscopic light delivery system	606/15
25	X	US 5836941 A	Laser probe	606/15
26	X	US 5593404 A	Method of treatment of prostate	606/15
27	X	US 5586982 A	Cell transfection apparatus and method	606/28
28	X	US 5537499 A	Side-firing laser optical fiber probe and method of making same	385/31
29	X	US 5772657 A	Side firing fiber optic laser probe	606/15
30	X	US 5498260 A	Internal reflectance angle firing fiber optic laser delivery device and method of use	606/16
31	X	US 5496309 A	Catheter device utilizing a laser beam laterally directed by a high index prism in a liquid medium	606/15
32	X	US 5496307 A	Laser light irradiation apparatus for medical treatment	606/15
33	X	US 5486171 A	Transparent cap fiber optical laser beam angle delivery device	606/16
34	X	US 5476461 A	Endoscopic light delivery system	606/15
35	X	US 5454807 A	Medical treatment of deeply seated tissue using optical radiation	606/15
36	X	US 5370649 A	Laterally reflecting tip for laser transmitting fiber	606/17
37	X	US 5366456 A	Angle firing fiber optic laser scalpel and method of use	606/16
38	X	US 5468239 A	Apparatus and methods for using a circumferential light-emitting surgical laser probe	606/15

	<b>Inventor</b>
22	Fuller; Terry A. et al.
23	Gardetto; William W. et al.
24	Cho; George et al.
25	Yoshihara; Masaya et al.
26	Costello; Anthony J. et al.
27	Abela; George S.
28	Brekke; John P.
29	Hmelar; Michael et al.
30	Rink; John L. et al.
31	Saadat; Vahid et al.
32	Daikuzono; Norio
33	Chou; Marilyn M.
34	Cho; George et al.
35	Lennox; Charles D. et al.
36	Gardetto; William W. et al.
37	Rink; John L. et al.
38	Tanner; Howard M. C. et al.